

Page 1

Thursday, August 07, 2014 11:13:08 AM

Item ID: D412-709-013

Accept

N900040100

Setup Start *NS1*

Revision ID:

Item Name: Escape Panel Push-Out Window Clear Fits LH or RH

Stop *NS2*

Start Date: 8/01/14 **Start Qty:** 4.00 ***4***

Cust Item ID:

Required Date: 8/07/14 **Req'd Qty:** 4.00 ***1***

Customer:

Reference:

Approvals: Process Plan: MLS Date: 14-08-07 Tooling: _____ Date: _____
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Run	Start	*NR1*
	Stop	*NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr
N/A	Rev N/A

100	Document Control	0.00
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100

DC

DOCUMENT CONTROL

~~Memo~~

0.00

Doc.Control -USB or Paperwork

Photocopy bluefile & type labels per PPPD412-709-013

CHG001

110	Pick Kit	0.00
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110

Packaging

Packaging

Memo

0.00

120	QC4- 100% Inspect kits for completeness	0.00
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120

OC

Memo

0.00

Quality Control

DAS
 46
 9-89
 DEC 18 2014

4x DAS 28 9-89 ~~SR~~ 14-1216


 DAS
46
 9-89

DEC 18 2014

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Crosstube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐
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Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other
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Work Order ID 123331

Thursday, August 07, 2014 11:13:08 AM

123331

Page 2

Item ID: D412-709-013

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Escape Panel Push-Out Window Clear Fits LH or RH

Start Date: 8/01/14 Start Qty: 4.00 ***4***

Cust Item ID:

Required Date: 8/07/14 Req'd Qty: 4.00 ***4***

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start ***NR1***

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	Packaging	0.00				4			
130									
Packaging	Memo	0.00							DAS
Packaging	Identify and pack for shipping as per PPP D412-709-013								06
	Location: _____								8-00
	PPP Rev: _____								
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	0.00							
Quality Control									

DEC 18 2014

14/12/18
44-12-18

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Crosstube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐
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Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other
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Picklist Print

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Page 1

Work Order ID: 123331

123331

Parent Item: D412-709-013

D412-709-013

Parent Item Name: Escape Panel Push-Out Window Clear Fits LH or RH

Start Date: 8/01/14

Required Date: 8/07/14

Start Qty: 4.00

Required Qty: 4.00

Comments: IPP Rev:A New Issue 07-05-03 JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D3136-043		Manufactured	No			110	Each	0.0000	1	4			
D3136-043 Window Assembly	DAS 46								**	123386	DAS 28	DEC 17 2014	
D3237-1	9-89	Manufactured	No			110	f	228.3000	8.1666	35	9-89		
D3237-1 Seal Retainer(Price Per Sq Ft)	DAS 46								**		DAS 28	9-89	
	DAS 38												
	9-89												
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST420		228.3							
				105246		103.9							
				120345		7.8							
				121811		100				35			
				32825		10.1							
				60148		6.5							
D3237-3		Manufactured	No			110	f	361.0500	8.166	35			
D3237-3 Seal Filler(Price Per Ft)	DAS 46								**		DAS 28	9-89	
	DAS 38												
	9-89			<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST409		361.05				123981			
				105247		43.85							
				120466		67.2							
				121358		250							
D3561-1		Manufactured	No			110	Each	20.0000	1	4			
D3561-1 Seal Insert/Tool	DAS 46								**		DAS 28	9-89	
	DAS 38												
	9-89			<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST049		20				4			
				117162		20							

DAS
38
9-89

DAS
38
9-89

DAS
38
9-89

DAS
38
9-89

DAS
38
9-89

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width:100%;"> <tr> <td>Skid-tube ☐</td> <td>Crosstube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>	Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐															
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐															
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐															
Large Fab ☐	Composite ☐	Supplier ☐																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other
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REFERENCE ONLY

DEC 18 2014

DAS

46

9-89

DART AEROSPACE LTD.

IIN-D412-709

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5.0 PARTS LIST

Qty -011	Qty -013	Qty -015	Qty -017	Qty -019	Qty -021	Qty -023	Part Number	Description
X							D412-709-011	ESCAPE PANEL MODIFICATION KIT
1	X						D412-709-013	ESCAPE PANEL PUSH OUT WINDOW KIT
		X					D412-709-015	HINGE PANEL DOOR MODIFICATION KIT
		1	X				D412-709-017	HINGE PANEL DOOR REPLACEMENT WINDOW KIT
				X			D412-709-019	CARGO DOOR PUSH OUT WINDOW KIT
					X		D412-709-021	HINGE PANEL DOOR PUSH OUT WINDOW MODIFICATION KIT
					1	X	D412-709-023	HINGE PANEL DOOR REPLACEMENT PUSH OUT WINDOW KIT
			1				D2126-0720	LOCKING SEAL
1							D3118-3	SIGN ASSEMBLY
				1			D3136-041	WINDOW ASSEMBLY
	1						D3136-043	WINDOW ASSEMBLY /
1							D3224-1	FRAME
			1				D3236-1	WINDOW
						1	D3237-1-0720	SEAL RETAINER
	1			1			D3237-1-0980	SEAL RETAINER /
						1	D3237-3-0720	SEAL FILLER
	1			1			D3237-3-0980	SEAL FILLER #
2							D3239-1	COVER
		1					D3240-1	FRAME
						1	D3543-1	HINGE PANEL DOOR PUSH OUT WINDOW
					1		D3543-3	HINGE PANEL DOOR PUSH OUT WINDOW FRAME
	1			1		1	D3561-1	WINDOW SEAL TOOL
3							AN6-20A	BOLT
2							AN960JD10L	WASHER
5							AN960JD616	WASHER
5							AN960JD616L	WASHER
2							MS21042L3	NUT
3							MS21042L6	NUT
2							MS35207-262	SCREW

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Revision: C

Date: 06.11.27

Work Order ID 123331

Thursday, August 07, 2014 11:13:08 AM

123331

Page 1

Item ID: D412-709-013

Accept

N900040100

Setup Start *NS1*

Revision ID:

Stop *NS2*

Item Name: Escape Panel Push-Out Window Clear Fits LH or RH

Start Date: 8/01/14 Start Qty: 4.00 *4*

Cust Item ID:

Required Date: 8/07/14 Req'd Qty: 4.00 *4*

Customer:

Reference:

Approvals: Process Plan: MLS Date: 14-08-07

Tooling:

Date:

Run Start *NR1*

QC: Date: SPC (Y/N):

Date:

Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr
N/A	Rev N/A

100 Document Control 0.00

100

DC DOCUMENT CONTROL 0.00

Doc.Control -USB or Paperwork Photocopy bluefile & type labels per PPPD412-709-013 CHG001

MLS 14-12-16

110 Pick Kit 0.00

110

Packaging Memo 0.00

Packaging

120 QC4- 100% Inspect kits for completeness 0.00

120

QC Memo 0.00

Quality Control